

# **Generative Artificial Intelligence to Transform Inpatient Discharge Summaries to Patient-Friendly Language and Format**

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## **Abstract**

**Key Points** Question Can a large language model transform discharge summaries into a format that is more readable and understandable for patients? Findings In this cross-sectional study of 50 discharge summaries, understandability scores were significantly higher for patient-friendly discharge summaries. Summaries were rated entirely complete in 56 of 100 reviews, but 18 reviews noted safety concerns involving omissions and inaccuracies. Meaning These findings suggest that a large language model could be used to translate discharge summaries into patient-friendly language and format, but implementation will require improvements in accuracy, completeness, and safety.